

ABSTRACT OF THE DISCLOSURE

In an intracellular-reaction measuring apparatus for measuring intracellular reactions by the use of a specimen in which a plurality of cell colonies are
5 contained in a non-contact state, the apparatus has
i) specifying means in which the intensity of first
light emitted from the specimen in accordance with
the presence of a stated protein is detected to
specify, of the plurality of cell colonies, a noted
10 colony containing cells where the stated protein is
present, and ii) selection means in which the
intensity of second light emitted from the specimen
in accordance with the intracellular reactions is
detected to select, of the detected intensity of the
15 second light, the intensity of the second light
emitted from the noted colony. Also disclosed is an
intracellular-reaction measuring method making use of
this apparatus.